

**In the Claims:**

- 1 1. (Currently Amended) A method, comprising:  
2 determining availability of wireless networks supported by an asset monitoring  
3 device;  
4 performing a weighted score analysis of the available wireless networks as a  
5 function of network attributes and data segment attribute weights, wherein the data  
6 segment attribute weights indicate importance of network attributes in selecting a  
7 wireless network; and  
8 selecting one of the available wireless networks to transmit a data segment based  
9 on the weighted score analysis.
- 1 2. (Original) The method of claim 1, wherein the selecting selects a wireless  
2 network having a highest weighted score.
- 1 3. (Original) The method of claim 1, wherein the selecting selects a wireless  
2 network having a lowest weighted score.
- 1 4. (Original) The method of claim 1, wherein the weighted score analysis uses a  
2 linear weighted score algorithm.
- 1 5. (Previously Presented) The method of claim 1, wherein the weighted score  
2 analysis uses a non-linear weighted score algorithm.
- 1 6. (Original) The method of claim 1, wherein the network attributes include cost,  
2 speed, reliability, security, and latency.

1 7. (Original) The method of claim 1, further comprising transmitting the data  
2 segment over a selected wireless network.

1 8. (Original) The method of claim 1, wherein the available wireless networks have  
2 been predetermined to have sufficient bandwidth to transmit the data segment.

1 9. (Currently Amended) A machine-readable medium having stored thereon  
2 instructions to cause an asset monitoring device to:  
3 determine availability of wireless networks supported by the asset monitoring  
4 device;  
5 perform a weighted score analysis of the available wireless networks as a function  
6 of network attributes and data segment attribute weights, wherein the data segment  
7 attribute weights indicate importance of network attributes in selecting a wireless  
8 network; and  
9 select one of the available wireless networks to transmit a data segment based on  
10 the weighted score analysis.

1 10. (Original) The machine-readable medium of claim 9, wherein the instruction to  
2 select selects a wireless network having a highest weighted score.

1 11. (Original) The machine-readable medium of claim 9, wherein the instruction to  
2 select selects a wireless network having a lowest weighted score.

1 12. (Original) The machine-readable medium of claim 9, wherein the weighted score  
2 analysis uses a linear weighted score algorithm.

1 13. (Original) The machine-readable medium of claim 9, wherein the weighted score  
2 analysis uses an non-linear weighted score algorithm.

1 14. (Original) The machine-readable medium of claim 9, wherein the network  
2 attributes include cost, speed, reliability, security, and latency.

1 15. (Original) The machine-readable medium of claim 9, further comprising an  
2 instruction to transmit the data segment over a selected wireless network.

1 16. (Previously Presented) The machine-readable medium of claim 9, wherein the  
2 available wireless networks have been predetermined to have sufficient bandwidth to  
3 transmit the data segment.

1 17. (Currently Amended) An asset monitoring device, comprising:  
2 means for determining availability of wireless networks supported by an asset  
3 monitoring device;  
4 means for performing a weighted score analysis of the available wireless  
5 networks as a function of network attributes and data segment attribute weights, wherein  
6 the data segment attribute weights indicate importance of network attributes in selecting a  
7 wireless network; and  
8 means for selecting one of the available wireless networks to transmit a data  
9 segment based on the weighted score analysis.

1 18. (Currently Amended) A remote asset monitoring device, comprising:  
2 a remote asset monitoring engine capable to generate remote asset monitoring  
3 data segments to transmit over a wireless network;

4 a network attributes file capable to store attributes of wireless networks supported  
5 by the device;

6 a data segment attribute weights file capable to store attribute weights for data  
7 segment types generated by the remote asset monitoring engine, wherein the data  
8 segment attribute weights indicate importance of network attributes in selecting a  
9 wireless network;

10 a network selection engine, communicatively coupled to the remote asset  
11 monitoring engine, the network attributes file, and the data segment attribute weights file,  
12 capable to:

13 determine availability of the wireless networks supported by the device;

14 determine which of the available wireless networks have sufficient

15 bandwidth to transmit a data segment;

16 perform a weighted score analysis of the available wireless networks

17 having sufficient bandwidth as a function of

18 network attributes from attributes in the network attributes file and

19 data segment attribute weights for a generated data segment type

20 using weights stored in the data segment attribute weights file; and

21 select a wireless network to transmit the data segment based on the

22 weighted score analysis.

1 19. (Original) The device of claim 18, wherein the network selection engine selects a  
2 wireless network having a highest weighted score.

1 20. (Original) The device of claim 18, wherein the network selection engine selects a  
2 wireless network having a lowest weighted score.

1 21. (Original) The device of claim 18, wherein the network selection engine uses a  
2 linear weighted score algorithm to perform the weighted score analysis.

1 22. (Previously Presented) The device of claim 18, wherein the network selection  
2 engine uses a non-linear weighted score algorithm to perform the weighted score analysis.

1 23. (Original) The device of claim 18, wherein the network attributes include cost,  
2 speed, reliability, security, and latency.

1 24. (Original) The device of claim 18, wherein the network selection engine is further  
2 capable to transmit the data segments over a selected wireless network.